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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/594,241	06/28/2007	Tetsuzo Miki	296896US0X PCT	7388
22850 7590 12/30/2009 OBLON, SPIVAK, MCCLELLAND MAIER & NEUSTADT, L.L.P. 1940 DUKE STREET ALEXANDRIA, VA 22314			EXAMINER	
			HO, ANTHONY	
ALEAANDRIA, VA 22514			ART UNIT	PAPER NUMBER
			2815	
			NOTIFICATION DATE	DELIVERY MODE
			12/30/2009	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

patentdocket@oblon.com oblonpat@oblon.com jgardner@oblon.com

	Application No.	Applicant(s)		
	10/594,241	MIKI ET AL.		
Office Action Summary	Examiner	Art Unit		
	ANTHONY HO	2815		
The MAILING DATE of this communication ap Period for Reply	opears on the cover sheet with the c	orrespondence address		
A SHORTENED STATUTORY PERIOD FOR REPI WHICHEVER IS LONGER, FROM THE MAILING I - Extensions of time may be available under the provisions of 37 CFR 1 after SIX (6) MONTHS from the mailing date of this communication. - If NO period for reply is specified above, the maximum statutory period - Failure to reply within the set or extended period for reply will, by statu Any reply received by the Office later than three months after the mailine earned patent term adjustment. See 37 CFR 1.704(b).	DATE OF THIS COMMUNICATION .136(a). In no event, however, may a reply be tind d will apply and will expire SIX (6) MONTHS from the, cause the application to become ABANDONE	N. nely filed the mailing date of this communication. D (35 U.S.C. § 133).		
Status				
1) ☐ Responsive to communication(s) filed on 17. 2a) ☐ This action is FINAL . 2b) ☐ Th 3) ☐ Since this application is in condition for allowed closed in accordance with the practice under	is action is non-final. ance except for formal matters, pro			
Disposition of Claims				
4) Claim(s) 1-11 is/are pending in the applicatio 4a) Of the above claim(s) 5-11 is/are withdray 5) Claim(s) is/are allowed. 6) Claim(s) 1 and 4 is/are rejected. 7) Claim(s) 2 and 3 is/are objected to. 8) Claim(s) are subject to restriction and/ Application Papers 9) The specification is objected to by the Examin 10) The drawing(s) filed on is/are: a) acceptable applicant may not request that any objection to the Replacement drawing sheet(s) including the corresistance. 11) The oath or declaration is objected to by the Examin applicant may not request that any objection to the Replacement drawing sheet(s) including the corresistance.	wn from consideration. for election requirement. her. ccepted or b) □ objected to by the I e drawing(s) be held in abeyance. See ction is required if the drawing(s) is objected.	e 37 CFR 1.85(a). lected to. See 37 CFR 1.121(d).		
Priority under 35 U.S.C. § 119				
12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received.				
Attachment(s) 1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date 1/11/2007, 5/8/2008, 6/4/2009.	4) Interview Summary Paper No(s)/Mail Da 5) Notice of Informal F 6) Other:	ate		

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DETAILED ACTION

Election/Restrictions

1. Claims 5-11 are withdrawn from further consideration pursuant to 37 CFR 1.142(b), as being drawn to a nonelected invention, there being no allowable generic or linking claim. Applicant timely traversed the restriction (election) requirement in the reply filed on September 17, 2009.

2. Applicant's election with traverse of Group I (claims 1-4) in the reply filed on September 17, 2009 is acknowledged. The traversal is on the ground(s) that there is commonality that exists between the groups. This is not found persuasive because Groups 1 and 2 do not relate to a single general inventive concept under PCT Rule 13.1 because, under PCT rule 13.2, they lack the same or corresponding special technical features for the following reasons: Cea et al, "A blended layer MEH-PPV electroluminescent device incorporating a new electron transport material," Materials Science and Engineering, C, 22, (2002), pp. 87-89 at least discloses a compound having an oxadiazole ring structure having a substituted pyridyl group connected thereto, represented by Formula (1).

The requirement is still deemed proper and is therefore made FINAL.

Priority

3. Receipt is acknowledged of papers submitted under 35 U.S.C. 119(a)-(d), which papers have been placed of record in the file.

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Information Disclosure Statement

4. The information disclosure statement (IDS) submitted on January 11, 2007 was filed after the mailing date of the instant application on September 25, 2006. The submission is in compliance with the provisions of 37 CFR 1.97. Accordingly, the information disclosure statement is being considered by the examiner.

- 5. The information disclosure statement (IDS) submitted on May 8, 2008 was filed after the mailing date of the instant application on September 25, 2006. The submission is in compliance with the provisions of 37 CFR 1.97. Accordingly, the information disclosure statement is being considered by the examiner.
- 6. The information disclosure statement (IDS) submitted on June 4, 2009 was filed after the mailing date of the instant application on September 25, 2006. The submission is in compliance with the provisions of 37 CFR 1.97. Accordingly, the information disclosure statement is being considered by the examiner.

Claim Rejections - 35 USC § 102

7. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

- (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.
- 8. Claims 1 and 4 are rejected under 35 U.S.C. 102(b) as being anticipated by Cea et al, "A blended layer MEH-PPV electroluminescent device incorporating a new

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electron transport material," Materials Science and Engineering, C, 22, (2002), pp. 87-89.

Cea et al discloses a compound having an oxadiazole ring structure having a substituted pyridyl group connected thereto, represented by Formula (1), wherein n is zero, m is one, Ar represents an aromatic hydrocarbon group, and one of four groups of R_1 to R_5 excluding the linking group is a phenyl group while the others are hydrogen (i.e. Figure 1).

Allowable Subject Matter

- 9. Claims 2 and 3 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.
- 10. The following is a statement of reasons for the indication of allowable subject matter: The prior arts of record do not disclose at least the limitations of "a compound wherein n in the general formula (1) is 1" as recited in claim 2 and "a compound wherein n in the general formula (1) is 2" as recited in claim 3.

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Conclusion

11. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

- 12. a. Mikroyannidis et al, "New Poly(p-phenylene vinylene) Derivatives with Two Oxadiazole Rings per Repeat Unit: Synthesis, Photophysical Properties, Electroluminescence, and Metal Ion Recognition," Journal of Polymer Science, (2004), 42(9), pp. 2112-2123
- 13. b. Jung et al, "The effects of processing conditions on the efficiency and lifetime of organic light emitting devices incorporating a new oxadiazole derivative," Mat. Res. Soc. Symp. Proc., 2002, Vol. 708, pp. 197-202

Any inquiry concerning this communication or earlier communications from the examiner should be directed to ANTHONY HO whose telephone number is (571)270-1432. The examiner can normally be reached on M-F: 9:30AM-5:00PM EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kenneth Parker can be reached on 571-272-2298. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/A. H./
Examiner, Art Unit 2815
/Kenneth A Parker/
Supervisory Patent Examiner, Art Unit 2815